



Commissioning

Optimizing and Condition Based Maintenance of
Pumps and Pumping Systems

Optimizing Savings Efficiency

DESMI provides commissioning, service, and condition based maintenance on pumps and pumping systems globally.

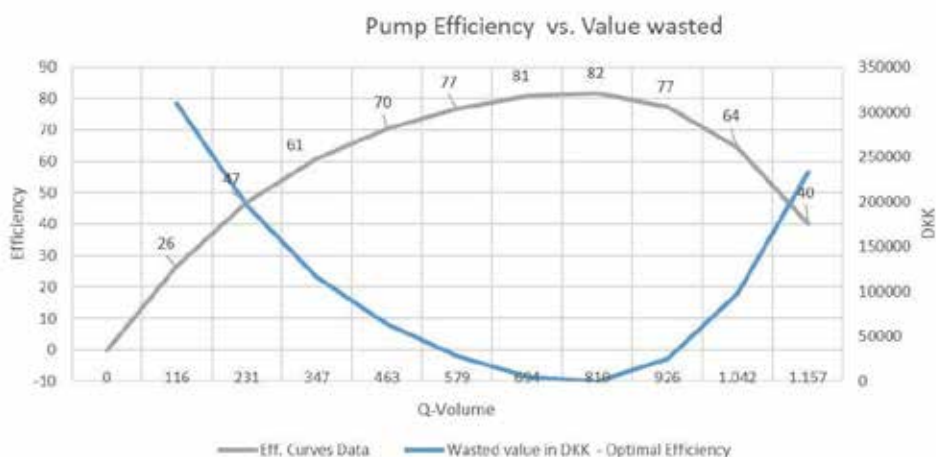
Based on more than 100 years' experience in production and servicing of pumps, we know what is required to ensure that your pump will have the longest life, the optimum efficiency and not least that you will have savings in relation to power consumption etc.

To obtain the best benefits from the pumps' performance, we recommend optimizing the performance already during installation of the pumps.

By installing and servicing the pumps in the best possible way, maintenance costs are drastically reduced.

The advantages are as follows:

- Reduced downtime
- Elimination of installation errors
- Better working conditions
- Basic measuring for future analysis
- Short payback time / quick return on investment
- Reduced power consumption



High Quality - High Efficiency - Good Economy
 DESMI has the know-how that is necessary to ensure the
 biggest and best return on your pump investment

We provide inspection, commissioning, maintenance, service, and repair within:

- Marine & Offshore
- District Cooling & Heating
- HVAC Applications
- Power Plants
- Water Supply
- Seawater Applications
- Industrial Pumps
- Sprinkler Pumps



DESMI offers two types of inspection:

✓ Service

- On Site
 - Differential pressure measurement
 - Vibration measurement
 - Screening of bearing current
 - Control of
 - Alignment
 - Electrical connections
 - Shaft seal
 - Inverter settings
 - Running hours
 - Power consumption
 - Coupling
 - Rpm
 - Lubrication of bearings
- Reporting
 - Over all status
 - Vibration analysis
 - Duty point - actual vs design
 - Recommended repairs
 - Quote for recommended repairs/parts

✓ Commissioning

- Visual pump inspection
 - Electrical connections
 - Pipe supports, relief of piping
 - Foundation, support, risk of resonance
 - Ventilation around electric motor and frequency converter
- Inspection of alignment and coupling
- Measuring of vibration
 - Electric motor DE and NDE
 - Pump
- Indication of bearing current
- Check of parameter settings, pump curve
- Efficiency analysis of the pump installation
- Inspection report, suggestion for optimizing pump or operating range including energy analysis
- Option
 - Startup / setup of parameters in frequency converters



Need more information or specifications? Contact us at desmi@desmi.com or read more about DESMI and DESMI's other products and solutions at www.desmi.com

MARINE & OFFSHORE

INDUSTRY

OIL SPILL RESPONSE

DEFENCE & FUEL

UTILITY